

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	251	(418/241).COLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/03/23 11:00
S2	4	S1 and spring and seal and (oring or o-ring or "o ring")	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/14 14:53
S3	1892	(418/54,57,61.1,61.3).COLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/03/14 14:53
S4	96	S3 and spring and (seal or sealing) and (oring or o-ring or "o ring")	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/14 15:50
S5	118	(hermetic with compressor) and spring and (seal or sealing) and (oring or "o-ring" or "o ring")	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/14 15:50
S6	1459	(418/62,63,64,66,67).COLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/03/14 15:50
S7	16	S6 and spring and (seal or sealing) and (oring or o-ring or "o ring")	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/14 15:55
S8	679	(418/91,157,159).COLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/03/14 15:55
S9	12	S8 and spring and (seal or sealing) and (oring or o-ring or "o ring")	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/14 16:32

S10	91	(418/130).COLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/03/14 16:31
S11	0	S10 and spring and (seal or sealing) and (oring or o-ring or "o ring")	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/14 16:32
S12	2918	(277/606,608,609,618-619,370,377,404).COLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/03/26 14:45
S13	2918	277/606.COLS. OR 277/608.COLLS. OR 277/609.COLLS. OR 277/618-619.COLLS. OR 277/370.COLLS. OR 277/377.COLLS. OR 277/404.COLLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/23 11:02
S14	76	S12 AND ((SEALED OR HERMETIC) WITH (COMPRESSOR OR PUMP))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/23 13:37
S15	6	(S12 AND ((SEALED OR HERMETIC) WITH (COMPRESSOR OR PUMP))) not shaft	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/23 13:41
S16	48	(S12 AND ((SEALED OR HERMETIC) WITH (COMPRESSOR OR PUMP))) not shaft.ab.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/23 14:36
S17	183	S12 and (intake or suction or inlet) and (tube or conduit or pipe)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/23 14:48
S18	7267	hermetic with compressor	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/26 10:05
S19	3581	(hermetic with compressor).ab.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/26 10:05

S20	3235	S19 and compressor.ti.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/26 10:06
S21	34	S20 and spring and ("o ring" or "o-ring" or oring)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/26 11:16
S22	26	("2839898" "3133429" "3238400" "3790309" "3922114" "4059777" "4312627" "4396361" "4477233" "4552518" "4573324" "4741177" "4850816" "4995791" "5322420" "5350039" "5464332" "5623829" "5687766" "6131406").PN. OR ("6634870").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/03/26 12:54
S23	8	("3009012" "4104484" "4420210" "4904551" "5118260" "5215451" "5422437").PN. OR ("5791884").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/03/26 13:29
S24	17	("2043849" "3509907" "4988269" "5147189" "5302087" "5346373" "5362216").PN. OR ("5733108").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/03/26 13:31
S25	29	("2214086" "2373909" "2973011" "3031861" "3209991" "3401602" "3515497" "3542405" "3767334" "3806977" "3870440" "3871800" "4129503" "4160625" "4240774" "4245658" "4277211" "4518324" "4518330").PN. OR ("4639198").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/03/26 13:36
S26	23	("1847447" "1961453" "3767334" "3833984" "3870440" "3871800" "4061367" "Re25653").PN. OR ("4240774").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/03/26 13:56
S27	152	(compressor and ((suction or intake) with (seal or sealing))).ab.	US-PGPUB; USPAT; USOOR	OR	ON	2007/03/26 13:58

S28	20	(“3352564” “3396903” “3509907” “4115044” “4203608” “4385872” “4408967” “4537566” “4635949” “4721443” “4810591”).PN. OR (“5022833”).URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/03/26 14:16
S29	2918	(277/606,608,609,618-619,370,377,404).CCLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/03/26 14:47
S30	0	S29 and (face and (inlet or suction or intake) and (tube or pipe or conduit)).ab. and ((“o-ring” or “oring” or “o ring”) with groove with face)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/26 14:48
S31	2	S29 and (face and (inlet or suction or intake) and (tube or pipe or conduit)) and ((“o-ring” or “oring” or “o ring”) with groove with face)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/26 14:50
S32	7	S29 and ((“o-ring” or “oring” or “o ring”) with groove with face with (tube or pipe or conduit))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/26 15:15
S33	7	(S29 and ((“o-ring” or “oring” or “o ring”) with groove with face with (tube or pipe or conduit))) not S31	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/26 14:52
S34	24	(“0329931” “0944423” “1523817” “3224080” “3586350” “3831951” “3981066” “4073307” “4258925” “4519636” “4886303” “5087504”).PN. OR (“5564177”).URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/03/26 14:52
S35	20	(“1460623” “2885227” “3184247” “3765647”).PN. OR (“3831951”).URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/03/26 14:56
S36	30	(“2778598” “2861773” “2925994” “3050077” “3054594” “3131906” “3210042” “3421733” “3565392” “3618893”).PN. OR (“3765647”).URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/03/26 14:59
S37	21	(“0329931” “1523817” “3586350” “3831951” “4258925” “4519636” “4886303” “5087504”).PN. OR (“5490680”).URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2007/03/26 15:04

S38	5	(S29 and (seal with face with (tube or pipe or conduit) with spring))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/26 15:16
S39	7	(S29 and (seal with face with (tube or pipe or conduit or "air shaft" or "ventilating shaft" or duct) with spring))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/26 15:20
S40	2	(S29 and (seal with face with (tube or pipe or conduit or "air shaft" or "ventilating shaft" or duct) with spring)) not S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/26 15:21
S41	116	(S29 and (seal with face with (tube or pipe or conduit or "air shaft" or "ventilating shaft" or duct))) not S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/26 15:22
S42	47	(S29 and (seal with face with (tube or pipe or conduit or "air shaft" or "ventilating shaft" or duct)) and spring) not S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/26 15:23
S43	10	("4684004" "5054743" "5163722" "5222631" "5419013" "5848780" "5960841" "5993412").PN. OR ("6129361").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 15:27
S44	17	("1528334" "2818285" "2992842" "3033579" "3080170").PN. OR ("4786061").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 15:31
S45	26	("2839898" "3133429" "3238400" "3790309" "3922114" "4059777" "4312627" "4396361" "4477233" "4552518" "4573324" "4741177" "4850816" "4995791" "5322420" "5350039" "5464332" "5623829" "5687766" "6131406").PN. OR ("6634870").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 16:02
S46	10	("2867458" "2997435" "3469862" "3488067" "3850796").PN. OR ("4055199").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 17:06
S47	375	"418".clas. and compressor and hermetic and spring	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 17:33

S48	19	compressor and (intake with metal with (seal or "o ring" or "o-ring"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/27 08:42
S49	41202	(metal and seal).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/27 08:43
S50	30	(metal and seal).ab. and compressor and intake	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/27 08:46
S51	15	(metal with ("o-ring" or "o ring" or seal) with (intake or inlet or duct)) and compressor.ab. and shaft	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/27 08:48
S52	830	"277".clas. and ((metal or metallic) with ("o ring" or "o-ring" or seal) with (benefit or advantage or improved or better or characteristic))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/27 12:31
S53	82	"277".clas. and ((metal or metallic) with ("o ring" or "o-ring" or seal) with (benefit or advantage or improved or better or characteristic)) and compressor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/27 12:32
S54	50	"418".clas. and ("scroll compressor" with (expander or generator))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/20 14:33
S55	6	"418".clas. and ("scroll compressor" with (expander or generator) with hermetic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/20 14:35
S56	67	"418".clas. and ("scroll compressor" with rotat\$3 with (expand\$3 or generat\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/20 14:37
S57	6	"418".clas. and ("scroll compressor" with rotat\$3 with (expand\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/20 14:39

S58	0	"418".clas. and ("scroll compressor" with rotat\$3 with motor with generator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/20 14:40
S59	1	"418".clas. and ("scroll compressor" with rotat\$3 with generator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/20 14:42
S60	7	"418".clas. and ("scroll compressor" near4 (used or utilized) near4 (generator or expander))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/20 14:47
S61	1	"418".clas. and "scroll generator"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/20 14:47
S62	2	("5720602").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/05/20 07:31
S63	0	"scroll compressor".ab. and (springs same vibrat\$5 same (shell or housing or container))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/20 07:45
S64	11	scroll.ab. and (springs same vibrat\$5 same (shell or housing or container))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/20 07:45
S65	63	"scroll compressor".ab. and (springs with (shell or housing or container))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/20 07:47
S66	2	("6761239").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/05/20 09:16
S67	2	("backpressure" with bad with exhaust)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/20 09:17

S68	51	("backpressure" with need\$3 with exhaust)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/20 09:18
S69	12	("2239262" "4817374" "4860538" "4896504" "4939898" "4999999" "5630571" "6371236" "6425451" "6655134").PN. OR ("6761239").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 09:31
S70	12	("2239262" "4817374" "4860538" "4896504" "4939898" "4999999" "5630571" "6371236" "6425451" "6655134").PN. OR ("6761239").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 09:46
S71	0	"backpressure" with "pulsation effect"	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 09:48
S72	2	"back pressure" with "pulsation effect"	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 09:48
S73	422	"pulsation effect"	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 09:57
S74	5	"pulsation effect" same "back pressure"	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 09:57
S75	0	"pulsation effect" same "backpressure"	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 09:57
S76	22	S73 and ("engine speed" with pressure)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 10:01
S77	7	S73 and (("engine speed" with pressure) same puls\$6)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 10:02

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